

ThermalKEM An American NuKEM Company

ThermalKEM Inc.
454 S. Anderson Road, BTC 532
Rock Hill, SC 29730
803/329-9690

Date: March 6, 1990

Mr. Dwayne Harrington
USEPA Reg. II/Synkote Paint Co.
Woodbridge Avenue
Edison, NJ 08837

Re: ST - SEE LSIT BELOW
Generator: USEPA Reg. II/Synkote Paint Co.
Broker: S & D Engineering
Approved for receipt at ThermalKEM, Inc.
after 2-22-90

The South Carolina Department of Health and Environmental Control requires that TSD facilities return to the generator and/or broker a signed copy of the Authorization Request Form (ARF) for all waste streams accepted for treatment, storage, or disposal. Attached to this letter is a copy of the ARF for your records.

ThermalKEM, Inc.

Attachment

ST 88886-1059
88886-1062
88886-1063

268870



WASTE CHARACTERIZATION FORM

Anal. # => AG0158-232

Authorization Number: ST - 00006 - 1059 32 Drums

S+D# => Camp. F

NOTE: All items should be accurately completed to assure you obtain the most rapid waste approval.

PEEL OFF LABEL
PLACE ON SAMPLE CONTAINER

FEB 15 1990

1 Generator Information:

Generator US EPA ID # NJD001394040

Generator Name: USEPA Reg. II / Synkote Paint Co.
Synkote Paint Company / USEPA Region II

Address 144-160 Van Riper Avenue

City Elmwood PARK

State NJ

Zip Code 07407

USEPA Reg. II / Woodbridge Ave., Edison, NJ 08837

Official Contact D. Harrington

Title O.S.C.

Telephone (201) 906-6899

SC County (For In-State Generator Only)

2 Broker Information:

Name: S & D Engineering

Official Contact: George Press

Telephone: (201) 549-8778

Address: ~~144-160 Van Riper Avenue~~ 2 Garkner Lane

City: ~~Edison~~ Edison

State: NJ

Zip: ~~08837~~ 08837

3 General Waste Information:

DOT Shipping Name: Hazardous Waste Liquid, N.O.S.

DOT Hazard Class: ORM-E UN NA # 9189

4 Physical State:

☐ Powder ☐ Paste ☐ Solid ☒ Liquid ☐ Slurry ☐ Resins ☐ Aerosols ☐ Lab Pack ☐ Gas (Cylinder) ☐ Other: _____

5 Inorganics Present:

Total Fluorine <1 % Total Bromine <1 % Cyanide <1 %

Nitric Acid <1 % Chromic Acid <1 % Sulfur <1 %

Sodium Hydroxide <1 % Potassium Hydroxide <1 %

6 Organics Present:

PCB <2 ppm

Dioxins — ppm

Furans — ppm

7 Reactivity:

Is waste reactive under

40 CFR 261.23? ☐ Yes ☒ No

8 Carcinogens: Circle if present: arsenic, asbestos, benzene, benzenidine, beryllium, bis (chloromethyl) ether, diethylstilbesterol, 2-naphthylamine, nickel, vinyl chloride, chromium (VI), acrylonitril, cyclophosphamide, 1, 2-diphenyl hydrazine, ethylene oxide, melphalan.

9 Biological, Pathological or Etiological Materials: List any present: None

10 Authorization To Correct ARF:

I authorize ThermalKEM to make corrections to the attached Authorization Request Form, such corrections being consistent with the results of sample characterization and/or regulatory requirements of South Carolina DHEC. I understand that a corrected copy will be sent to me.

Signature: [Signature] Title: OSC

Date: 2/1/90

11 Certification For Non-Hazardous Waste:

I certify that to the best of my knowledge the information provided hereon is correct, and the waste is non-hazardous by RCRA definition. Non-hazardous wastes do not require shipment approval by South Carolina Department of Solid and Hazardous Waste.

Signature: _____ Title: _____ Date: _____

12 American NuKEM Representative: D. Jones Code: 111E

☒ Rock Hill, SC (803) 329-9690 ☐ Paramus, NJ (201) 262-3440 ☐ Southfield, MI (313) 353-5880

13 To Be Completed by ThermalKEM

Toxicity Rating:

Ingestion _____ Inhalation _____ Skin Absorption _____

Hazard Rating:

Health _____ Flammability _____ Reactivity _____

Special _____

Anal. # \Rightarrow A60158-232

8888

32 Drums

**South Carolina Department of Health and Environmental Control
Bureau of Solid and Hazardous Waste (803) 734-5200**

2 3+0# Landfill Reclaim
Recycle Incinerate
Landfarm Energy Recovery
Other

3 Authorization Number: ST - 88886 - 1059

**To be entered
by TSD Facility**

St D Eng

4 Generator Information:

Generator ID # NJD001394040

Name _____

USEPA Reg. II / SynKote Paint Co.
~~SynKote Paint Company / USEPA Region II~~

Address | 144-160 Van Riper Avenue

City

Elmwood PARK

State | NJ

Zip Code 07407

USEPA Reg. II/Woodbridge Ave., Edison, NJ 08837

Official Contact | D. Harrington

Title | **O.S.C.**

Telephone | **(201) 906-6899**

5 Treatment, Storage, or Disposal Facility Information:

SC County
(For In-State Generator Only)

Facility EPA ID # **SCDO 44442333**

Name

ThermalKEM Inc.

6 **Line #** (This line # will **always** represent this specific waste stream.)

WASTE PAINT RELATED MATERIALS w/ RAINWATER

7 Description of Hazardous Waste

K6.6.6.6

17

8 EPA/DHEC Waste Codes

9 DOT Hazard Class

10 Process Producing Waste:

U.S. E.P.A. Region II Superfund
Clean-Up

11 Enter Quarter for One-Time Disposal: / Qtr/yr.

12 Handling Method: 1.0.9

If Multiple Shipments Enter Frequency Here: 2 times/yr.

13 Volume: (lbs/yr. only) ~ 18,000

14 Physical State of Waste @ 70°F

15 Flash Point (cc)

1. ☐ solid 2. ☒ liquid 3. ☐ N/A

1. ☐ N/A 2. ☐ <60°F 3. ☐ 60–140°F 4. ☒ >140°F

For DHEC use only:

Date Received:

Note:

AUTHORIZATION REQUEST FORM (con't)

6-1059

Facility Use Only:

- 16 Packaging for Shipment: ☒ in Drums (size) 30-110 ☐ in Bulk ☐ Other
- 17 Method of Transportation: ☐ Railroad tanker ☒ Truck ☐ Other 18 Specific Gravity: 1.1
- 19 Viscosity @ 70°F: ☐ Low ☒ Medium ☐ High 20 Layering: ☐ None ☒ Bilayered ☐ Multilayered
- 21 Suspended Solids: % by weight or volume. Specify exact % 22 Dissolved Solids: by % weight. Specify exact % 28
- 23 Thousands of Btu's/lbs. Specify: <1 24 Organically Bound Sulfur (wt %): <1 25 Organically Bound Chloride: <1
- 26 Organically Bound Nitrogen (wt %): <1 27 Toxicity: ☐ High ☐ Medium ☒ Low ☐ Unknown 28 Ash %: 25
- 29 Affinity for Water: ☒ Hydrophilic ☐ Lipophilic 30 pH (if hydrophilic): 5.3
- 31 Visual Description of Waste: Dark Brown Liquid / Dark Brown Sludge
- 32 Constituents: List specific constituents by name and corresponding percentage in waste stream.

Volatile Organics	%
MIBK (240ppm)	0-1
Toluene (110ppm)	0-1
Ethylbenzene (300ppm)	0-1
m-Xylene (620ppm)	0-1
o,p-Xylene (530ppm)	0-1

Non Volatile Organics	%
Oil + Grease	7-9
Dimethylbenzene Isomer	0-1
Non-N.B.S. Determinable	
Inert Organic Solids	36-38

Acid or Alkalis	%

Salts & Inorganics	%
Ash (Inert Solids)	15-25

Water: 70-72 %

AUTHORIZATION REQUEST FORM (con't)

33 Metallic: (total metals not EP Toxicity Test)

As	<u> </u> ppm	Cr ⁺³	<u> </u> ppm	Ag	<u> </u> ppm	Fe	<u>1,300</u> ppm
Ba	<u>32</u> ppm	Cr ⁺⁶	<u>11</u> ppm	Ni	<u> </u> ppm	Sb	<u>33</u> ppm
Cd	<u>18</u> ppm	Hg	<u> </u> ppm	Cu	<u>42</u> ppm	Mn	<u>19</u> ppm
Pb	<u>36</u> ppm	Se	<u> </u> ppm	Ti	<u> </u> ppm	Co	<u> </u> ppm
Zn	<u>39</u> ppm	Be	<u> </u> ppm	Na	<u>260</u> ppm	Tl	<u> </u> ppm

Toxics

Cyanide	<u>250</u> ppm
Pesticides	<u> </u> ppm
Carcinogens	<u> </u> ppm
Other Toxics	<u> </u> ppm

Other Information: _____

34 Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Date Submitted: 2/2/90Print Name: Wayne HarringtonTitle: OSC**35 TSD Facility Certification:**

I certify that based on the information presented in this document this facility is permitted to accept the waste stream described hereon, and do hereby inform the generator listed hereon of acceptance of the waste for treatment, storage, and/or disposal in the manner designated, and in compliance with the TSD Facility's standard terms and conditions.

Signature: _____

Date Submitted: 2/15/90Print Name: JONNA ROMEOTitle: WASTE APPROVAL SUPERVISOR

WASTE CHARACTERIZATION FORM

Amel. # => A60158-235

Authorization Number: ST - 88886 - 1062 17 Drums

STO # => Camp. # I

NOTE: All items should be accurately completed to assure you obtain the most rapid waste approval.

PEEL OFF LABEL
PLACE ON SAMPLE RECONTAINER

FEB 15 1990

1 Generator Information:

Generator US EPA ID # NJD001394040 Generator Name: USEPA Reg. II / Syn Kote Paint
Synkote Paint Company / USEPA Region
 Address 144-160 Van Riper Avenue City Elmwood PARK State NJ Zip Code 07407
USEPA Reg. II / Woodbridge Ave., Edison, NJ 08837
 Official Contact D. Harrington Title O.S.C. Telephone (201) 906-6899

2 Broker Information:

Name: S & D Engineering Official Contact: George Press Telephone: (201) 549-8778
 Address: 173 Essex Avenue 2 GARMENT LANE City: Metuchen Edison State: NJ Zip: 08840-0837

3 General Waste Information:

DOT Shipping Name: Hazardous Waste Liquid, N.O.S. DOT Hazard Class: ORM-E UN/NA # 9189

4 Physical State:

☐ Powder ☐ Paste ☐ Solid ☒ Liquid ☐ Slurry ☐ Resins ☐ Aerosols ☐ Lab Pack ☐ Gas (Cylinder) ☐ Other: _____

5 Inorganics Present:

Total Fluorine <1 % Total Bromine <1 % Cyanide <1 %
 Nitric Acid <1 % Chromic Acid <1 % Sulfur <1 %
 Sodium Hydroxide <1 % Potassium Hydroxide <1 %

6 Organics Present:

PCB 22 ppm
 Dioxins _____ ppm
 Furans _____ ppm

7 Reactivity:

Is waste reactive under 40 CFR 261.23? ☐ Yes ☒ No

8 Carcinogens:

Circle if present: arsenic, asbestos, benzene, benzidine, beryllium, bis (chloromethyl) ether, diethylstilbesterol, 2-naphthylamine, nickel, vinyl chloride, chromium (VI), acrylonitril, cyclophosphamide, 1, 2-diphenyl hydrazine, ethylene oxide, melphalan.

9 Biological, Pathological or Etiological Materials: List any present: None

10 Authorization To Correct ARF:

I authorize ThermalKEM to make corrections to the attached Authorization Request Form, such corrections being consistent with the results of sample characterization and/or regulatory requirements of South Carolina DHEC. I understand that a corrected copy will be sent to me.
 Signature: _____ Title: DSC Date: 2/9/90

11 Certification For Non-Hazardous Waste:

I certify that to the best of my knowledge the information provided hereon is correct, and the waste is non-hazardous by RCRA definition. Non-hazardous wastes do not require shipment approval by South Carolina Department of Solid and Hazardous Waste.
 Signature: _____ Title: _____ Date: _____

12 American NuKEM Representative: D. Jones Code: 111E

☒ Rock Hill, SC (803) 329-9690 ☐ Paramus, NJ (201) 262-3440 ☐ Southfield, MI (313) 353-5880

13 To Be Completed by ThermalKEM

Toxicity Rating:
 Ingestion _____ Inhalation _____ Skin Absorption _____
Hazard Rating:
 Health _____ Flammability _____ Reactivity _____
 Special _____

AUTHORIZATION REQUEST FORM

☐ Amendment ☒ New

8888

17 Drums

South Carolina Department of Health and Environmental Control
Bureau of Solid and Hazardous Waste (803) 734-5200

2

Landfill ☐ Recycle ☒ Landfarm ☐ Other ☐
Reclaim ☐ Incinerate ☒ Energy Recovery ☐

3 Authorization Number: ST - 88886 - 1062

To be entered
by TSD Facility

S + D Engr

4 Generator Information:

Generator ID # NJD001394040

Name

USEPA Reg. II / SynKote Paint Co.
~~SynKote Paint Company / USEPA Region II~~

Address 144-160 Van Riper Avenue

City

Elmwood PARK

State NJ

Zip Code

07407

USEPA Reg. II / Woodbridge Ave., Edison, NJ 08837

Official Contact D. Harrington

Title

O.S.C.

Telephone

(201) 906-6899

5 Treatment, Storage, or Disposal Facility Information:

SC County
(For In-State Generator Only)

Facility EPA ID # SCDO 44442333

Name

ThermalKEM Inc.

6 Line # (This line # will always represent this specific waste stream.)

WASTE PAINT RELATED MATERIAL

7 Description of Hazardous Waste

166.66

17

10 Process Producing Waste:

U.S. E.P.A. Region II Superfund
Clean-up

8 EPA/DHEC Waste Codes

9 DOT Hazard Class

11 Enter Quarter for One-Time Disposal: / Qtr/yr.

12 Handling Method: T.O.P.

If Multiple Shipments Enter Frequency Here: 2 times/yr.

13 Volume: (lbs/yr. only) ~ 10,000 lbs

14 Physical State of Waste @ 70°F

1. ☐ solid 2. ☒ liquid 3. ☐ N/A

15 Flash Point (cc)

1. ☐ N/A 2. ☐ <60°F 3. ☐ 60-140°F 4. ☒ >140°F

For DHEC use only:

Date Received:

Note:

AUTHORIZATION REQUEST FORM (con't)

6-1062

Facility Use Only:

- 16 Packaging for Shipment: ☒ in Drums (size) 30-110 ☐ in Bulk ☐ Other
- 17 Method of Transportation: ☐ Railroad tanker ☒ Truck ☐ Other ☐ 18 Specific Gravity: .97
- 19 Viscosity @ 70°F: ☒ Low ☐ Medium ☐ High 20 Layering: ☐ None ☒ Bilayered ☐ Multilayered
- 21 Suspended Solids: % by weight or volume. Specify exact % 22 Dissolved Solids: by % weight. Specify exact % 6.4
- 23 Thousands of Btu's/lbs. Specify: 1-2K 24 Organically Bound Sulfur (wt %): 4 25 Organically Bound Chloride: 1
- 26 Organically Bound Nitrogen (wt %): 1 27 Toxicity: ☐ High ☐ Medium ☒ Low ☐ Unknown 28 Ash %: 25-30
2-4%
- 29 Affinity for Water: ☒ Hydrophilic ☐ Lipophilic 30 pH (if hydrophilic): 8.4
- 31 Visual Description of Waste: Light Brown Liquid / Grey Sludge
- 32 Constituents: List specific constituents by name and corresponding percentage in waste stream.

Volatile Organics	%
MIBK	0-1
Toluene	0-1
Ethylbenzene	0-1
m-Xylene	0-1
o,p-Xylene	0-1

Non Volatile Organics	%
Oil + Grease	5-7
Bis(2-Ethylhexyl)Phthalates	0-1
Dimethylbenzene Isomer	2-4
Non-H.B.S. Determinable	—
Inert Organic Solids	22-26

Acid or Alkalis	%

Salts & Inorganics	%
Aluminum	0-1
Ash (Inert Solids)	25-30 2-4

Water: 60-65 %

AUTHORIZATION REQUEST FORM (con't)

33 Metallic: (total metals not EP Toxicity Test)

As	<u> </u> ppm	Cr ⁺³	<u> </u> ppm	Ag	<u> </u> ppm	Fe	<u>880</u> ppm
Ba	<u>54</u> ppm	Cr ⁺⁶	<u>120</u> ppm	Ni	<u>13</u> ppm	Sb	<u>10</u> ppm
Cd	<u> </u> ppm	Hg	<u> </u> ppm	Cu	<u>31</u> ppm	Mn	<u>45</u> ppm
Pb	<u>570</u> ppm	Se	<u>11</u> ppm	Ti	<u>39</u> ppm	Co	<u>19</u> ppm
Zn	<u>59</u> ppm	Be	<u> </u> ppm	Na	<u>190</u> ppm	Al	<u> </u> ppm

Toxics

Cyanide	<u>210</u> ppm
Pesticides	<u> </u> ppm
Carcinogens	<u> </u> ppm
Other Toxics	<u> </u> ppm

Other Information: _____

34 Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Date Submitted: 2/9/90

Print Name: Dwayne Harrington

Title: asc

35 TSD Facility Certification:

I certify that based on the information presented in this document this facility is permitted to accept the waste stream described hereon, and do hereby inform the generator listed hereon of acceptance of the waste for treatment, storage, and/or disposal in the manner designated, and in compliance with the TSD Facility's standard terms and conditions.

Signature: _____

Date Submitted: 2/19/90

Print Name: IONNA ROMEO

Title: WASTE APPROVAL SUPERVISOR

WASTE CHARACTERIZATION FORM

Anal. # => A60158-236

Authorization Number: **ST** - **88886** - **1063**

6 Drums

510* => Comp. J

NOTE: All items should be accurately completed to assure you obtain the most rapid waste approval.

PEEL OFF LABEL
SAMPLE RECEIVED

1 Generator Information:

FEB 15 1990

Generator US EPA ID # NJD001394040

Generator Name: USEPA Reg. II / SynKote Paint Co.

Address 144-160 Van Riper Avenue City Elmwood Park State NJ Zip Code 07407

USEPA Reg. II / Woodbridge Ave., Edison, NJ 08837

Official Contact D. Harrington Title O.S.C. Telephone (201) 906-6899

2 Broker Information:

SC County (For In-State Generator Only)

Name: S & D Engineering Official Contact: George Press Telephone: (201) 549-8779

Address: 173 Essex Avenue 2 GOURMET LANE City: Metuchen Edison State: NJ Zip: 08837

3 General Waste Information:

DOT Shipping Name: Hazardous Waste Liquid, N.O.S. DOT Hazard Class: ORM-E UN/NA # 9189

4 Physical State:

☐ Powder ☐ Paste ☐ Solid ☒ Liquid ☐ Slurry ☐ Resins ☐ Aerosols ☐ Lab Pack ☐ Gas (Cylinder) ☐ Other: _____

5 Inorganics Present:

Total Fluorine <1 % Total Bromine <1 % Cyanide <1 %
Nitric Acid <1 % Chromic Acid <1 % Sulfur <1 %
Sodium Hydroxide <1 % Potassium Hydroxide <1 %

6 Organics Present:

PCB <2 ppm
Dioxins — ppm
Furans — ppm

7 Reactivity:

Is waste reactive under
40 CFR 261.23? ☐ Yes ☒ No

8 Carcinogens: Circle if present: arsenic, asbestos, benzene, benzdene, beryllium, bis (chloromethyl) ether, diethylstilbesterol, 2-naphthylamine, nickel, vinyl chloride, chromium (VI), acrylonitril, cyclophosphamide, 1, 2-diphenyl hydrazine, ethylene oxide, melphalan.

9 Biological, Pathological or Etiological Materials: List any present: None

10 Authorization To Correct ARF:

I authorize ThermalKEM to make corrections to the attached Authorization Request Form, such corrections being consistent with the results of sample characterization and/or regulatory requirements of South Carolina DHEC. I understand that a corrected copy will be sent to me.

Signature: [Signature] Title: DSC Date: 2/2/90

11 Certification For Non-Hazardous Waste:

I certify that to the best of my knowledge the information provided hereon is correct, and the waste is non-hazardous by RCRA definition. Non-hazardous wastes do not require shipment approval by South Carolina Department of Solid and Hazardous Waste.

Signature: _____ Title: _____ Date: _____

12 American NuKEM Representative: D. Jones Code: III E

☒ Rock Hill, SC (803) 329-9690 ☐ Paramus, NJ (201) 262-3440 ☐ Southfield, MI (313) 353-5880

13 To Be Completed by ThermalKEM

Toxicity Rating:

Ingestion _____ Inhalation _____ Skin Absorption _____

Hazard Rating:

Health _____ Flammability _____ Reactivity _____

Special _____

AUTHORIZATION REQUEST FORM

Att. # ⇒ A60158-236

1 ☐ Amendment ☒ New

8888 6 Drums
South Carolina Department of Health and Environmental Control
Bureau of Solid and Hazardous Waste (803) 734-5200

2 ☐ Landfill ☒ Reclaim
510 Recycle ☒ Incinerate
☐ Landfarm ☐ Energy Recovery
☐ Other

3 Authorization Number: ST-88886-1063

To be entered by TSD Facility S + D Eng.

4 Generator Information:

Generator ID # NJD001394040 Name WEPA Reg. II / Syn Kote Paint Co.
Syn Kote Paint Company / USEPA Region II
Address 144-160 Van Riper Avenue City Elmwood Park State NJ Zip Code 07407
USEPA Reg. II / Woodbridge Ave., Edison, NJ 08837
Official Contact D. Harrington Title O.S.C. Telephone (201) 986-6899

5 Treatment, Storage, or Disposal Facility Information:

SC County
(For In-State Generator Only)

Facility EPA ID # SCDO 44442333 Name ThermalKEM Inc.

6 ☐ Line # (This line # will always represent this specific waste stream.)

WASTE PAINT RELATED MATERIAL w/ RAINWATER

7 Description of Hazardous Waste

6666 17

10 Process Producing Waste:

U.S.E.P.A. Region II Superfund
Clean-Up

8 EPA/DHEC Waste Codes

9 DOT Hazard Class

11 Enter Quarter for One-Time Disposal: ☐ / ☐ Qtr/yr.

12 Handling Method: T09

If Multiple Shipments Enter Frequency Here: 2 times/yr.

13 Volume: (lbs/yr. only) ~3000 lbs

14 Physical State of Waste @ 70°F

1. ☐ solid 2. ☒ liquid 3. ☐ N/A

15 Flash Point (cc)

1. ☐ N/A 2. ☐ <60°F 3. ☐ 60-140°F 4. ☒ >140°F

For DHEC use only:

Date Received: ☐ ☐ ☐

Note: _____

AUTHORIZATION REQUEST FORM (con't)

6-1063

Facility Use Only:

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- 16 Packaging for Shipment: ☒ in Drums (size) 30-110 ☐ in Bulk ☐ Other
- 17 Method of Transportation: ☐ Railroad tanker ☒ Truck ☐ Other 18 Specific Gravity: 0.96
- 19 Viscosity @ 70°F: ☐ Low ☐ Medium ☒ High 20 Layering: ☐ None ☒ Bilayered ☐ Multilayered
- 21 Suspended Solids: % by weight or volume. Specify exact % ☒ 22 Dissolved Solids: by % weight. Specify exact % 0.9
- 23 Thousands of Btu's/lbs. Specify: 795 24 Organically Bound Sulfur (wt %): <1 25 Organically Bound Chloride: <1
- 26 Organically Bound Nitrogen (wt %): <1 27 Toxicity: ☐ High ☐ Medium ☒ Low ☐ Unknown 28 Ash %: 32-35
- 29 Affinity for Water: ☒ Hydrophilic ☐ Lipophilic 30 pH (if hydrophilic): 4.1
- 31 Visual Description of Waste: Yellowish Liquid / Grey Solid
- 32 Constituents: List specific constituents by name and corresponding percentage in waste stream.

Volatile Organics	%
MIBK	0-1
Toluene	0-1
Ethylbenzene	0-1
m-Xylene	1-2
o,p-Xylene	1-2
1-Ethyl-2-Methylbenzene	2-3

Non Volatile Organics	%
Oil & Grease	20-22
Dimethylbenzene Isomers	3-4
Inert Solids	
Non-N.B.S. Determinable	
Inert Organic Solids	33-35
	10-12

Acid or Alkalis	%

Salts & Inorganics	%
Inert solids (Ash)	32-35

Water: 65-70 %

AUTHORIZATION REQUEST FORM (con't)

33 Metallic: (total metals not EP Toxicity Test)

As	<u> </u> ppm	Cr ⁺³	<u> </u> ppm	Ag	<u> </u> ppm	Fe	<u>1300</u> ppm
Ba	<u>32</u> ppm	Cr ⁺⁶	<u>340</u> ppm	Ni	<u> </u> ppm	Sb	<u>26</u> ppm
Cd	<u> </u> ppm	Hg	<u> </u> ppm	Cu	<u>20</u> ppm	Mn	<u>86</u> ppm
Pb	<u>1600</u> ppm	Se	<u> </u> ppm	Ti	<u>16</u> ppm	Co	<u>12</u> ppm
Zn	<u>73</u> ppm	Be	<u> </u> ppm	Na	<u>180</u> ppm	Al	<u>12</u> ppm

Toxics

Cyanide	<u>50</u> ppm
Pesticides	<u> </u> ppm
Carcinogens	<u> </u> ppm
Other Toxics	<u> </u> ppm

Other Information: _____

34 Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Date Submitted: _____

Print Name: _____

Title: _____

35 TSD Facility Certification:

I certify that based on the information presented in this document this facility is permitted to accept the waste stream described hereon, and do hereby inform the generator listed hereon of acceptance of the waste for treatment, storage, and/or disposal in the manner designated, and in compliance with the TSD Facility's standard terms and conditions.

Signature: _____

Date Submitted: _____

Print Name: _____

Title: _____